

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 3223US0P
INTERNATIONAL APPLICATION NO. PCT/US05/13583		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>16/593891</b> PRIORITY DATE CLAIMED April 7, 2004
TITLE OF INVENTION CYCLIC COMPOUNDS		
APPLICANT(S) FOR DO/EO/US Albert Charles Gyorkos; Christopher Peter Corrette; Suk Young Cho; Timothy Mark Turner; Kazuyoshi Aso; Masakuni Kori; Michiyo Mochizuki; Kevin Ronald Condroski; Christopher Stephen Siedem; Steven Armen Boyd		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">10/593891</div>	INTERNATIONAL APPLICATION NO. PCT/US05/13583	ATTORNEY'S DOCKET NUMBER 3223US0P
--	---	--------------------------------------

20. Other items or information: Return Post Card; Certificate of Express Mailing; Forms PCT/IB/301, 304, 308

The following fees have been submitted	CALCULATIONS	PTO USE ONLY															
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300																
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))																	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$ 200																
All other situations.....\$200																	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))																	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0																	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100	\$ 500																
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400																	
All other situations.....\$500																	
<b>TOTAL OF 21, 22 and 23 =</b>	1,000																
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 40%;">RATE</th> </tr> <tr> <td>354 - 100 =</td> <td>254 /50 =</td> <td>6</td> <td>x \$250</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	354 - 100 =	254 /50 =	6	x \$250	\$ 1,500								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE														
354 - 100 =	254 /50 =	6	x \$250														
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	\$																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">CLAIMS</th> <th style="width: 15%;">NUMBER FILED</th> <th style="width: 15%;">NUMBER EXTRA</th> <th style="width: 15%;">RATE</th> <th style="width: 40%;">\$</th> </tr> <tr> <td>Total claims</td> <td>21 - 20 =</td> <td>1</td> <td>x \$ 50</td> <td>\$ 50</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200</td> <td>\$ 0</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	21 - 20 =	1	x \$ 50	\$ 50	Independent claims	2 - 3 =	0	x \$200	\$ 0		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$													
Total claims	21 - 20 =	1	x \$ 50	\$ 50													
Independent claims	2 - 3 =	0	x \$200	\$ 0													
MULTIPLE DEPENDENT CLAIM(S) (if applicable)	+ \$360	\$															
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.																	
<b>SUBTOTAL =</b>		\$ 1,550															
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$															
<b>TOTAL NATIONAL FEE =</b>		\$ 1,550															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$															
<b>TOTAL FEES ENCLOSED =</b>		\$ 1,550															
		Amount to be refunded:	\$														
		Amount to be charged	\$ 1,550														

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed. 10/593891
- b. ☒ Please charge my Deposit Account No. 500799 in the amount of \$ 1,550.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500799. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

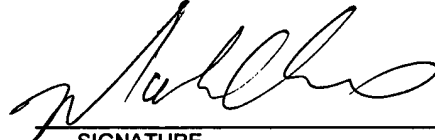
SEND ALL CORRESPONDENCE TO:

Mark Chao, Ph.D.

Takeda Pharmaceuticals North America, Inc.  
475 Half Day Road

Lincolnshire, IL 60069 USA

(847) 383-3372 Fax (847) 383-3409



SIGNATURE

MSRK CHAO, PhD., JD

NAME

37,293

REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	Based on PCT/JP05/13583	Art Unit:	tba
Filed:	Intl. Filing 06 APRIL 2005	Examiner:	tba
1 <sup>st</sup> Inventor:	Albert Charles Gyorkos	Allowed:	
For:	Cyclic Compounds	Batch:	
Atty. Dkt. No.	3223 US0P	Paper No.:	

**CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10**

**USPS EXPRESS MAIL LABEL. No. EV903172123 US**

**DATE IN: September 22, 2006**

**Itemized Papers/Items:**


1. This Postcard and Certificate of Express Mailing (2 pages)
2. Transmittal Letter for Filing under 35 USC 371 (2 pages X 2)
3. Specification - total pages 427, including Claims 1-21 (5 pages), and Abstract (1 page)
4. Copies of Forms PCT/IB/301, 304, 308 (5 pages)
5. First Preliminary Amendment (2 pages)=

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

MAIL STOP PCT  
P.O. BOX 1450  
Commissioner for Patents  
Alexandria, VA 22313-1450

on this date, 9/22/06

Dated: 9/22/06

  
Gail L. Winokur

Takeda Pharmaceuticals North America, Inc.  
Intellectual Property Department  
475 Half Day Road  
Lincolnshire, IL 60069 USA